ROYAL LEAMINGTON SPA.

Urban Sanitary District.

ANNUAL REPORT

OF THE

Medical Officer of Health,

1900.

Leamington Spa:

PRINTED AT THE "COURIER" WORKS, CHURCH WALK.

HEALTH COMMITTEE.

Councillor	MASON (Chairman).
	The MAYOR.
Alderman	BRIGHT.
,,	MOLESWORTH.
,,	THURSFIELD.
,,	WACKRILL.
Councillor	BAILEY.
,,	BAKER.
,,	DYKE.
,,	SMITH.
,,	STUBBS.
,,	WENCH.

Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

https://archive.org/details/b29720382

ACREAGE	2,760
POPULATION (Census 1891)	26,930
,, Estimated to middle of 1900	27,700
,, Per square mile	6,280

Town Sewage, pumped to Heathcote Farm.

Town Refuse, disposed of on land.

Height above Sea level	195 feet
Geological Formation	New Red Sandstone

Water Supply—Artesian Wells on Campion Hill, and at Lillington.

Respective depths of Wells...	110 feet and 170 feet

River Water is used for Watering Streets and Flushing Sewers.

SANITARY REPORT

OF THE

Borough of Royal Leamington Spa,

FOR THE YEAR 1900.

TOWN HALL, LEAMINGTON,
FEBRUARY 18TH, 1901.

TO THE CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE.

GENTLEMEN,

In submitting to you my Eleventh Annual Report, I beg to congratulate you on the satisfactory sanitary condition of the Borough.

Vital Statistics.

BIRTHS.

503 Births (236 males and 267 females) were registered.

These figures show an annual Birth-Rate of 18·1 per thousand. This is slightly under the rate of last year—18·6.

The following tables show the Births and Birth-Rates by Wards and Quarters :—

Wards.	Births.	Birth Rate.	Estimated Population, 1900.
North-East	139	18·5	7,479
South-East	183	21·1	8,666
West	135	17·7	7,651
Milverton & Lillington	46	11·8	3,904
	503	18·1	27,700

Quarters.	Males.	Females.	Totals.	Birth Rate.
1st	57	66	123	17·7
2nd	74	64	138	19·9
3rd	58	71	129	18·6
4th	47	66	113	16·3
Totals	236	267	503	18·1

DEATHS.

454 Deaths (209 males and 245 females) were registered within the Borough.

On adding thereto 34 deaths of inhabitants which took place outside the Borough, and deducting from the total 49 deaths of persons not inhabitants, who died in Leamington, the corrected figures are 439, which give an annual Death-Rate of 15·8 per thousand, a satisfactory decrease on the rate 16·6 of last year.

Mortality.

Total Mortality by Quarters.

Quarters.	Total Mortality.							Zymotic Deaths.			Death Rate.
	Under 1 year.	1 year and under 5.	5 years and under 15.	15 years and under 25.	25 years and under 65.	65 years and upwards.	Totals.	Under 5 years.	5 years and upwards.	Totals.	
1st	15	10	4	6	40	61	136	4	1	5	19·6
2nd	14	9	9	4	40	40	116	...	...	...	16·6
3rd	21	9	2	4	27	33	96	4	...	4	13·8
4th	18	5	3	5	43	32	106	1	...	1	15·3
Totals	68	33	18	19	150	166	454	9	1	10	

This table includes the whole of the Deaths occurring within the district, whether residents or non-residents.

In the first and second quarters the Mortality was above the average, but below it in the third and fourth quarters.

Deaths under one year show a proportionate Infantile Death-Rate of 131·3 per thousand births, much lower than last year.

32 children who died under 5 years of age were insured, a slight increase upon previous years.

The Zymotic Death-Rate still keeps at a very low figure, 0·3 per thousand. This is a very gratifying feature of the report.

The Phthisis Death-Rate is also a low one, 1·0 per thousand.

Causes of Deaths under 5 Years.

Broncho-Pneumonia	17
Debility from Birth	13
Premature Birth	12
Tubercular Diseases	8
Marasmus	9
Convulsions	10
Dentition	4
Diarrhœa	3
Whooping Cough	4
Brain Diseases	3
Gastro-Enteritis	4
Asthenia	1
Peritonitis	1
Accidents	4
Congenital Syphilis	1
Diphtheria	1
Membranous Croup	1
Intestinal Obstructions	2
	98

Zymotic Diseases.*

Diphtheria	2
Membranous Croup	1
Whooping Cough	4
Diarrhœa	3
	10

* These figures do not include 3 *non-residents*, whose deaths occurred within the Borough.

INFECTIOUS DISEASES.

Scarlet Fever (Scarlatina).

40 cases were notified, against 52 cases last year. The disease was of a mild type, and none of the schools were closed in consequence of it. There were no fatal cases.

Diphtheria.

15 cases were reported, against 22 last year. Of these, 5 were introduced from a distance, 6 were due to insanitary premises, and 4 were not traced. Three deaths occurred, one of which was an imported case.

Membranous Croup.

One case was notified, which ended fatally.

Enteric Fever.

12 cases notified (an increase of 5 over last year), 5 cases were imported from outside the Borough, one of which was fatal. Two cases were of doubtful diagnosis, 4 were probably due to insanitary surroundings, and one could not be traced.

Erysipelas.

33 cases were reported, of which 18 were due to climatic causes, and 9 were chronic cases. Insanitary premises were found in 4 cases.

Whooping Cough.

Prevalent in the third quarter and principally in the North-East and West Wards. Four deaths took place.

Measles.

Prevalent in the third quarter, principally in the North-East, West, and Milverton and Lillington Wards. The Lillington National School was closed, in consequence, for 6 weeks. No death was reported.

Influenza.

Several cases came to my notice in the first quarter.

At the end of the year 4 cases of Infectious Diseases were being treated in the Borough.

General Sanitary Work, &c.

The work of the Health Department has proceeded steadily and satisfactorily during the year, and a great many improvements, both public and private, have been carried out. 195 Drain Tests were made, and 182 drains re-laid to a sanitary condition. 423 House-to-House Inspections were made; 886 Slaughterhouse Inspections; 317 Cowshed and Dairy Inspections; and 201 Inspections of Workshops. I have personally inspected infected and insanitary premises where necessary, and advised the Sanitary Inspector as to any sanitary alterations needed. These instructions have always been carried out to my satisfaction.

Stoneware Pipe Sewers have been substituted for defective Brick Culverts by the Surveyor's staff in Regent Place, Portland Place, and Kenilworth Street, and advantage was taken of this by the Health Department to see that the drainage of the adjoining properties were placed in a satisfactory condition.

The Disinfecting Apparatus has been freely and successfully used, both publicly and privately. Since the Corporation Linen Cart for removing Bedding and Clothing has been in use, a considerable saving in time and money has been effected in their removal.

Five Prosecutions have taken place; 4 under the Food and Drugs Acts, and one for a breach of the Slaughterhouse Bye-Laws. One case (under the Food and Drugs Acts) was dismissed, and in the others convictions were obtained and substantial penalties inflicted.

45 Samples were taken for analysis under the Food and Drugs Acts, of these 43 were returned as genuine.

Owing to suspected Arsenical Poisoning, samples were also taken of the different Beers supplied in the town, and also of Syrups, Jams, and Malt Extracts. In only one instance was arsenic found in the samples taken, viz., that of Beer supplied by a brewery from a distance. On the certificate of analysis coming to hand, the Sanitary Inspector seized the Beer and had it destroyed (over 600 gallons) under his personal supervision. It is but fair to add that the Innkeeper was entirely blameless in the matter.

The Water Supply of the Borough is now greatly increased, by the water from the New Well at Lillington being now definitely laid on the mains, and in the future there need be no fear of a water famine. The average daily supply during the year was 20·8 gallons per head.

The Pump Room Bathing Establishment has been re-organised and re-constructed, and is now nearly perfect.

The Manager, Mr. Ravenhill, formerly of the Royal Mineral Water Hospital at Bath, has a large and varied experience of all kinds of bathing, and has added all up-to-date appliances, Electric Baths, and Douches.

The celebrated Aix-les-Bains Douche is administered daily by experienced masseurs and masseuses. The Vichy Douche is nearly completed, and a new wing is being added to the present establishment, where all the necessary instruments for the assistance of invalids will be installed. The Greville system of Electric Hot Air Baths has been worked for nearly two years with marked success. The Dowsing Radiant Heat and Light Baths, for the same period, are much sought after for cases of Rheumatoid Arthritis, Anchylosis, stiffened joints, bad sprains and dislocations. Pulleys, weights, etc., have been erected for the convenience of those who may be ordered exercise in any form, for stiffened joints and wasted limbs.

The Thermal Söolbader, or Hot Carbonated Brine Bath, is a great feature of the Spa, and, taken under medical advice, is said to rival Nauheim.

Schott's Exercises are given by the Manager and Matron, under medical direction, at a very moderate cost.

The many testimonials from "heart" cases to be found in the visitors' book bear eloquent testimony to the benefits derived from the Nauheim treatment at Leamington. Another feature of the new management is the installation of electric fires for heating the Bath Rooms, which, for cleanliness and efficiency, are without a rival, though the system may prove somewhat costly in careless hands.

The Swimming Baths, open from April to October, continue popular. The water is filtered before passing into the baths, and is changed daily, while the temperature is kept at 68 degrees Faht. A Swimming Master and Mistress are in daily attendance during the summer months.

Meteorology.

Mr. Barnitt, in furnishing me with his report (Table VI.), as he has done for a long period of years, states:—

That there is little variation from former years, with the exception of the number of days on which rain fell, it being ten days above the average.

On July 19th the maximum temperature, 90 degrees, was two degrees higher, and on February 8th 16·2, one degree lower than 1899.

Drought prevailed from August 26th to September 25th, during which period the rainfall was ·209 inches only.

Rain in February largely exceeded the average, on the 30th of the latter month amounting to 2·678 inches, being half-an-inch more than previously recorded for the past thirty-five years.

There are only two other instances recorded of over two inches rainfall in twenty-four hours, viz., July 28th, 1866, of 2·140 inches, and July 20th, 1875, of 2·127 inches.

In conclusion, let me thank the Chairman and Members of the Health Committee for their ready help and courtesy to me in carrying out my duties.

To my fellow practitioners I owe a debt of gratitude for their prompt Notification of Infectious Diseases; and to Dr. Rice I am especially indebted for having taken up my duties during my absence when sick or on leave.

I am, Gentlemen,

Your obedient Servant,

SAMUEL BROWNE, M.D., D.P.H.,

Medical Officer of Health.

TABLE I.—Comparative Statement of Birth and Death Rate for the last 10 years.

ROYAL LEAMINGTON SPA DISTRICT.

Year.	Population estimated to middle of each year.	Births.		Deaths under one year of age.		Deaths at all Ages Total.		Deaths in Public Institutions.	Deaths of Non-residents registered in District.	Deaths of Residents registered beyond District	Deaths at all Ages. Nett.	
		Number.	*Rate.	Number.	Rate per 1,000 Births registered.	Number.	*Rate.				Number.	*Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1890	24,871	525	21·1	82	156	421	16·9	46	50	46	417	16·8
1891	26,930	590	21·9	89	150·8	514	19·0	50	25	36	525	19·4
1892	27,016	571	21·1	71	124	485	17·9	47	30	42	497	18·3
1893	27,016	556	20·5	83	149	459	16·9	47	20	14	453	16·7
1894	27,116	546	20·05	78	142.8	373	13·7	43	22	21	372	13·6
1895	27,116	536	19·7	73	136	450	16·5	41	25	28	478	16·6
1896	27,220	543	19·9	70	127	413	15·1	46	27	24	410	15·1
1897	27,320	544	19·9	58	106·6	393	14·3	49	34	26	401	14·0
1898	27,420	523	19·07	76	145·3	453	16·5	58	50	21	424	15·4
1899	27,520	511	18·6	73	142	453	16·5	52	36	42	459	16·6
Averages for years 1890–1899	26,954	544	20·1	75	137·9	441	16·3	47	31	30	443	16·2
1900	27,700	503	18·1	66	131·3	454	16·3	82	49	34	439	15·8

*Rates calculated per 1,000 of estimated Population.

Area of district in acres (exclusive of area covered by water) } 2·760

Total population at all ages 26,930
Number of inhabited houses 5537
Average number of persons per house ... 4·66
} At Census of 1891.

NOTE.—The deaths included in column 7 of this Table are the whole of those registered during the year as having actually occurred within the district or division. The deaths included in column 12 are the number in column 7, corrected by the subtraction of the number in column 10 and the addition of the number in column 11.

By the term "Non-residents" is meant persons brought into the district on account of illness and dying there; and by the term "Residents" is meant persons who have been taken out of the district on account of illness, and have died elsewhere.

TABLE II.—Comparative Statement of Births and Deaths for the last 10 years.

ROYAL LEAMINGTON SPA DISTRICT.

Names of Localities.	Royal Leamington Spa. 1				North-East Ward. 2				South-East Ward. 3				West Ward. 4				Milverton & Lill'n Ward. 4			
Year.	Population estimated to middle of each year. *a*	Births registered. *b*	Deaths at all Ages. *c*	Deaths under 1 year. *d*	Population estimated to middle of each year. *a*	Births registered. *b*	Deaths at all Ages. *c*	Deaths under 1 year. *d*	Population estimated to middle of each year. *a*	Births registered. *b*	Deaths at all Ages. *c*	Deaths under 1 year. *d*	Population estimated to middle of each year. *a*	Births registered. *b*	Deaths at all Ages. *c*	Deaths under 1 year. *d*	Population estimated to middle of each year. *a*	Births registered. *b*	Deaths at all Ages. *c*	Deaths under 1 year. *d*
1890	24,871	525	417	82		Not re	corded.			Not re	corded.			Not re	corded.			Not re	corded.	
1891	26,930	590	525	89	7248	166	133	29	8422	220	145	32	7454	147	124	19	3806	57	59	8
1892	27,816	571	497	71	7297	180	131	29	8451	204	138	17	7469	139	112	18	3799	48	55	5
1893	27,116	556	453	83	7327	169	124	26	8491	180	121	22	7492	147	114	24	3806	60	53	3
1894	27,116	546	372	78	7327	166	109	32	8491	210	105	25	7492	131	80	15	3806	39	35	3
1895	27,116	536	478	73	7325	154	111	26	8485	190	141	27	7490	139	108	11	3816	53	45	7
1896	27,220	543	410	70	7353	158	116	20	8517	191	104	28	7519	150	96	14	3831	40	49	6
1897	27,320	544	401	58	7376	135	95	16	8548	217	110	19	7545	141	100	20	3851	51	39	2
1898	27,420	523	424	76	7402	139	122	29	8579	214	130	28	7568	128	89	17	3871	42	46	...
1899	27,520	511	459	73	7430	136	94	17	8610	189	135	24	7601	134	124	26	3879	52	45	5
Averages of years 1891–1899	27,195	546	446	75	7342	156	115	25	8510	210	124	24	7513	139	105	18	3829	49	47	4
1900	27,700	503	439	68	7479	139	121	14	8666	183	134	20	7651	135	125	23	3904	46	59	7

Deaths of Residents occurring beyond the district are included in sub-column *c* of this Table, and those of Non-residents registered in the district excluded.
Deaths of Residents occurring in Public Institutions are allotted to the respective Localities, according to addresses of the deceased.
Deaths of Residents which occurred in the Warneford Hospital, the Home for Incurables. and the River and Canal, are included in the respective Localities to which they belonged.

TABLE III.—Cases of Infectious Disease notified during the year 1900.

ROYAL LEAMINGTON SPA DISTRICT.

Notifiable Disease.	Cases notified in whole District.							Total Cases notified in each Locality.				No. of Cases Removed to Hospital from each Locality.			
	At all Ages.	Under 1 year.	1 year and under 5.	5 years and under 15.	15 years and under 25.	25 years and under 65.	65 years and upwards.	North-East Ward.	South-East Ward.	West Ward.	Milverton & Lilling'n W.	North-East Ward.	South-East Ward.	West Ward.	Milverton & Lilling'n W.
Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	15	...	1	6	4	4	...	2	9	2	2	2	4	1	...
Membranous Croup ...	1	...	1	..	...	...	...	...	...	1	...	...	...	...	...
Erysipelas.	33	...	...	2	2	23	6	6	16	7	4	...	...	...	...
Scarlet Fever	40	1	8	21	9	1	...	11	15	12	2	10	8	6	2
Typhus Fever... ...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
Enteric Fever... ...	12	...	1	3	1	7	..	1	8	1	2	...	...	...	...
Relapsing Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever ...	...	...	..	...	...	...	..	...	...	...	...	...	..	...	...
Puerperal Fever ...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Totals	101	1	11	32	16	35	6	20	48	23	10	12	12	7	2

(H) Infectious Hospital situated at Heathcote, Warwick R.D.

TABLE IV.—Causes of, and Ages at, Death during year 1900.

ROYAL LEAMINGTON SPA DISTRICT.

Causes of Death.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages).				Deaths in Public Institutions
	All Ages.	Under 1 year.	1 year and under 5.	5 years and under 15	15 years and under 25.	25 years and under 65.	65 years and upwards.	North-East Ward.	South-East Ward.	West Ward.	Milverton & Lilling'n W.	
Smallpox	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	4	2	2	...	...	...	...	3	1	...	...	...
Diphtheria and Membranous Croup	3	...	2	...	1	...	...	...	1	2	...	1
Croup	...	...	...	...	...	...	...	...	...	...	...	...
Typhus Fever...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever...	...	...	...	...	...	..	...	...	...	...	...	...
Fever—other continued	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza	9	...	...	...	...	6	3	3	3	1	2	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa	3	2	1	...	...	...	...	1	1	1	...	...
Enteritis	5	...	1	...	1	...	3	...	2	2	1	...
Puerperal Fever	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...
Other Septic Diseases	4	...	...	...	1	3	...	2	1	1	...	1
Phthisis	28	...	1	2	5	18	2	5	10	11	2	2
Other Tubercular Diseases	15	...	2	6	3	2	2	3	7	4	1	1
Cancer and Malignant Diseases ...	28	...	...	...	...	13	15	12	7	5	4	2
Bronchitis	35	7	6	...	...	7	15	13	9	10	3	6
Pneumonia	15	...	2	1	...	5	7	4	5	3	3	2
Pleurisy	2	...	...	...	...	2	...	...	...	2	...	...
Other Diseases of Respiratory Organs	3	...	...	...	2	1	...	1	2	...	...	1
Alcoholism—Cirrhosis of Liver ...	9	...	...	...	...	7	2	3	2	3	1	...
Venereal Diseases	1	1	...	...	...	...	...	...	...	1	...	...
Premature Birth	12	12	...	...	...	...	...	3	3	4	2	...
Diseases and Accidents of Parturition	3	...	...	...	...	3	...	1	1	...	1	...
Heart Diseases	38	...	...	1	3	13	21	10	8	12	8	7
Accidents	12	1	3	4	...	2	2	4	6	2	...	4
Suicides	4	...	...	...	...	3	1	1	1	2	...	...
All other Causes	206	41	12	4	3	51	95	52	64	59	31	23
All Causes	439	66	32	18	19	136	168	121	134	125	59	50

TABLE V.

SUMMARY OF WORK PERFORMED BY THE SANITARY INSPECTOR FROM JANUARY 1ST TO DECEMBER 31ST, 1900.	Notices served.	Notices complied with.	"Container" Closets replaced by Sanitary Closets.	New Soil Pipes.	Soil Pipes removed from inside to outside Houses.	New Ventilating Pipes.	Intercepting Traps put in.	Inspection Chambers put in.	Defective Drains relaid to Sanitary Condition.	Brick Drains replaced by Stoneware Pipe Drains.	Drains removed from inside to outside Houses.	New Drains put in.	"Bell" and "D" Traps removed.	Sanitary Gullies, replacing defective Gullies.	New Closet Pans & Traps, replacing defective pans,	Choked Drains cleansed.	Soft Water Cisterns cleansed.	Ditto ditto overflow disconnected from drains.	Rain Water Pipes disconnected from drains.	Bath & Sink Waste Pipes disconnected from drains.	Cesspools removed and Drains properly connected.	New Earthenware Sinks put in.	Roofs and Spouts repaired.	Yards repaved.	Houses whitewashed and cleansed by notice.	Workshops, Laundries, &c., whitewashed & cleansed.	Ashpits removed.	Dustbins provided.	Pigs removed from unfit places.	Accumulations of Manure and Filth removed.	Cases of Overcrowding removed.	Sets of Bedding, &c., disinfected by steam.	Rooms disinfected.	Samples of Foods and Drugs analysed.	Ditto Beer analysed.	Visits to Common Lodging Houses.	Ditto Slaughterhouses.	Ditto Laundries, Bakehouses, and Workshops.	Ditto Dairies, Cowsheds, and Milkshops.	House-to-House Inspections.	Drain Tests applied.	Inspections of Sanitary Work in progress.	Visits to infected premises.	Prosecutions taken.	Convictions obtained.
January... ...	31	37	1	1	...	1	...	...	15	2	1	...	3	6	...	...	3	1	...	...	2	...	2	...	...	7	...	12	...	3	2	6	6	3	...	11	57	24	23	29	10	63	6	2	1
February ...	29	33	...	2	2	2	2	1	8	1	...	1	1	6	3	...	...	...	3	1	...	...	3	3	1	...	1	...	...	4	...	6	4	...	...	9	61	14	18	37	14	71	10	...	...
March	38	16	3	2	2	2	...	...	13	3	...	...	2	7	5	4	3	2	...	...	3	2	1	2	...	3	...	...	...	...	...	4	5	...	...	11	52	17	33	44	13	67	5	...	...
April	29	26	...	2	2	2	1	1	16	4	3	...	...	11	4	1	2	2	...	...	...	...	...	...	2	...	...	58	6	1	...	7	4	...	...	13	84	19	23	33	19	58	7	...	...
May	31	28	1	1	1	1	3	1	14	1	2	1	...	7	6	3	3	2	4	3	...	...	4	3	5	..	3	59	...	...	...	1	6	11	...	17	119	14	33	47	18	83	6	...	...
June	22	26	3	1	...	1	2	...	18	5	1	1	4	12	9	4	5	4	5	...	...	3	...	...	...	19	...	103	12	5	3	7	8	5	...	9	73	17	37	29	16	91	12	...	...
July	32	27	3	3	1	3	2	1	19	...	1	1	...	9	7	1	9	2	3	...	2	...	...	...	7	...	...	...	19	9	1	9	10	...	...	9	97	13	23	48	19	61	16	1	1
August	20	21	2	2	...	2	4	1	15	1	3	...	1	9	4	2	7	4	...	2	1	4	2	...	4	...	4	...	23	9	2	3	12	...	...	12	83	21	38	39	13	76	14	...	...
September ...	19	23	1	1	1	1	2	...	4	5	...	...	2	...	2	4	2	...	5	1	...	...	4	2	2	7	...	...	...	11	1	2	7	...	...	9	29	...	...	...	...	33	9	...	...
October	23	20	3	3	2	3	4	2	13	9	...	2	4	12	5	...	...	...	...	2	...	...	...	...	...	...	...	4	...	4	...	7	12	...	...	7	63	18	26	...	17	42	12	...	...
November ...	22	21	...	...	...	...	...	...	23	...	2	1	2	5	6	3	7	7	4	1	2	3	...	4	5	6	3	...	10	...	...	3	7	11	7	9	67	17	31	54	28	61	11	...	...
December ...	18	21	3	2	...	2	3	...	24	7	3	3	1	2	6	9	9	5	3	...	1	2	5	4	1	14	9	...	7	9	...	4	6	15	5	17	101	27	32	63	18	52	18	2	2
Totals	311	299	20	20	11	20	23	7	182	38	16	10	20	86	57	31	50	29	27	10	11	14	21	18	27	56	20	246	87	57	9	59	87	45	12	143	886	201	317	423	195	758	126	5	4

J. K. ANDERSON, Sanitary Inspector.

TABLE VI.

METEOROLOGY OF LEAMINGTON, 1900.

Abstract of Meteorological Observations taken at 86, The Parade, during 1900, by J. Barnitt.

Latitude 52deg. 18 N. Longitude 1deg. 30 W. Height above the sea level, 195 feet.

The Instruments have been verified at Kew and Greenwich, and the necessary corrections have been applied for index error, capillary action, temperature, and diurnal range.

Month.	Mean of Pressure 9 a.m.	AIR TEMPERATURE.							Relative Humidity.	Rainfall.	
		9 a.m.	Means of		Absolute Maximum and Minimum.					Total Fall.	Number of Days.
			Maximum.	Minimum.	Maximum.	Date.	Minimum.	Date.	9 a.m.		
	Inches.	°	°	°	°		°		%	Inches.	
January ...	29·895	40·7	45·2	35·3	52·9	23rd	26·1	21st	86	2·653	21
February ...	29·513	37·1	42·8	32·0	56·0	23rd	16·2	8th	85	4·074	17
March	30·013	38·5	45·8	33·4	55·4	10th	26·0	17th	81	·583	9
April	29·966	47·1	58·7	39·3	74·9	21st	28·2	2nd	74	·902	14
May	29·955	49·5	60·8	43·7	67·5	27th	34·8	17th	83	1·265	10
June	29·914	56·1	68·4	51·1	82·9	11th	42·8	6th	75	2·872	17
July	29·982	63·4	76·7	56·3	90·1	19th	49·4	4th	71	1·133	12
August ...	29·955	58·3	70·4	53·2	82·1	14th	47·3	11th	77	3·645	14
September ...	30·114	56·4	67·6	49·0	72·3	6th	39·0	20th	81	·550	5
October ...	29·945	49·7	53·7	43·8	69·9	9th	32·6	22nd	83	2·035	18
November ...	29·726	45·8	50·6	41·9	59·9	1st	30·2	11th	86	1·628	17
December ...	29·874	45·9	49·9	40·6	56·5	20th	24·0	23rd	86	4·649	19
Totals	358·852	588·5	690·6	519·6					968	25·989	173
Means	29·904	49·0	57·5	43·3					81	2·166	14